

Preventing environmental damage from hazardous waste, and restoring contaminated sites for all Californians.



State of
California



Department of Toxic
Substances Control

Public Involvement

FACT SHEET, January 2005

Hayward Air National Guard Proposes Cleanup Plan

The Hayward Air National Guard (Station), which is located at 1525 W. Winton Avenue, is proposing soil cleanup activities at three areas, referred to as: Site 7, Areas of Concern (AOC) J, and AOC K. At Site 7, sludge that accumulated in an oil/water separator was spread on the ground. As a result of this practice, the contaminants present in Site 7 soil include metals, polynuclear aromatic hydrocarbons (PAHs), and petroleum hydrocarbons. Transformers located at AOCs J and K may have leaked oil. As a result, the contaminants present in the soil at these areas include polychlorinated biphenyls (better known as PCBs) and petroleum hydrocarbons. When these contaminants of concern are above the established standards for an industrial area, the Department of Toxic Substances Control (DTSC) may require the cleanup of the soil to appropriate levels.

DTSC has approved a draft cleanup plan for public release that was prepared for the Station by their consultant, Environmental Resources Management, to remove the contaminated soil from the site.

The proposed cleanup plan, called a draft Removal Action Workplan (draft RAW), is available for your review at the information repositories listed on page four. If you

30-Day Public Comment Period

We encourage you to review and comment on the draft RAW and the California Environmental Quality Act, Notice of Exemption (NOE). DTSC will hold a 30-day public comment period beginning **Thursday, January 27, 2005** and ending **Friday, February 25, 2005**. All e-mailed comments must be sent to the Department no later than 5:00 p.m. that day. Comments sent via mail must be post-marked by the end of the public comment period. Please send comments to:

Mr. Lance McMahan, DTSC Project Manager
8800 Cal Center Drive, Sacramento, CA 95826
or by email at Lmcmaha1@dtsc.ca.gov

Public Meeting about Site Cleanup

A public meeting will be held if one is requested. Please submit a written request for a public meeting, including the issues to be raised to Ms. Michelle Trotter at the address above or via e-mail at mtrotter@dtsc.ca.gov by the end of the public comment period.



have questions about this site, please contact Mr. Lance McMahan, DTSC Project Manager, at (916) 255-3674 or email Lmcmaha1@dtsc.ca.gov or Ms. Michelle Trotter, DTSC Public Participation Specialist, at (916) 255-6441 or email mtrotter@dtsc.ca.gov

This fact sheet will provide you:

- History and background of the Station;
- Findings of the investigation of Site 7 and AOCs J and K;
- Remedies for cleaning the site (draft RAW);
- California Environmental Quality Act - Notice of Exemption, and;
- Next Steps.

History and background of the Station

In 1942, the U.S. Army acquired 727 acres in Hayward for construction of the Hayward Army Airfield (Airfield). The Airfield was used as a fighter base and auxiliary field for fighters and bombers during World War II.

In 1946, with wartime activity ceased, the Airfield was declared surplus by the Federal Government and given to the War Assets Administration for disposal. The Department of the Army transferred a total of 22.17 acres to the Federal Public Housing Authority in 1946 and the War Assets Administration assumed 14.1 acres of perpetual easements. The City of Hayward gained ownership of the remaining 690 acres and standing buildings through quit-claim deed from the War Assets Administration in 1947. In a lease agreement dated February 1949, the City of Hayward leased 27 acres of the site to the California Air National Guard. The remaining land became the Hayward Executive Airport.

There have been several amendments to the lease since 1949, including changes in the property that was being leased, and a change in the lessee to the US Department of Defense. One of those changes resulted in the fence line being changed on the northern edge of Site 7. Sampling will be conducted as part of this removal action to determine whether contamination extends beyond the fence line. If so, the Department of Defense will address such contamination at a later date.

Operations at the Station have included aircraft maintenance, vehicle maintenance, aerospace ground equipment maintenance, and nondestructive inspection testing. Waste materials generated from these activities

include fuels, oils, thinners, paints, lead soldering materials, and solvents.

Findings of the investigation

Site 7

One soil vapor sample, 20 soil samples at various depths, and five groundwater samples have been collected at this site. PAHs were the only Contaminant of Concern detected in the soil vapor sample collected in this area. The following compounds were reported at concentrations above acceptable levels for industrial use: TPH as diesel (TPH-D), cadmium, lead, thallium, chrysene, and other petroleum products. None of the subsurface samples contained high concentrations of contaminants, suggesting that the impacted soil is within the upper 3 feet in this area.

Area of Concern J

Five surface soil samples and six subsurface soil samples have been collected at the site. PCB was found in three of the surface samples at concentrations of 2.1 milligrams per kilograms (mg/kg), 0.18 mg/kg and 0.13 mg/kg. One sample exceeds the recommended level of 0.74 mg/kg for PCBs; none of the subsurface samples contained concentrations of contaminants above the suitable levels for industrial use suggesting that the impacted soil is limited to the upper 3 feet in this area.

Area of Concern K

Two surface soil samples have been collected within AOC K and analyzed for petroleum hydrocarbons, and five surface soil samples and six subsurface soil samples have been analyzed for PCBs. Petroleum hydrocarbons were detected at concentrations of 19 and 2,900 mg/kg. PCB was detected at a concentration of 0.36 mg/kg in one of the surface samples. The concentration of PCB and one of the petroleum hydrocarbon results exceed industrial standards for this site.

Options for cleaning the site (draft RAW)

Four remedial alternatives for achieving the removal action objectives were evaluated:

- Remedial Alternative I: No Action;
- Remedial Alternative II-A: Soil Excavation to Industrial Standards and Off-Site Disposal, with Institutional Controls;

- Remedial Alternative II-B: Soil Excavation to Residential and Groundwater Protection Cleanup Goals, and OffSite Disposal; and
- Remedial Alternative III: Capping, with Institutional Controls.

Several criteria were used to evaluate the contamination at the three sites, and to develop Remedial Alternatives II-A and II-B.

Alternative II-A provides for cleanup to United States Environmental Protection Agency's (USEPA) Industrial Preliminary Remediation Goals (PRGs), which would be protective of people working at the site. The sites would not be suitable for residential use, so a deed restriction against residential use would be placed on the property.

Alternative II-B provides for cleanup to both USEPA's Residential PRGs and the State Regional Water Quality Control Board Region II Environmental Screening Levels, whichever is most stringent. Cleanup to these standards would be protective of people working at the sites and groundwater. Although residential use is not anticipated, this alternative would likely render the sites suitable for residential use.

Alternative II-B is being proposed in the draft RAW because it meets the cleanup goals, and eliminates the need at this time for land use restrictions. Even so, it should be noted that this remedy is considered to be an interim remedy to get rid of the surface contaminants. The areas will undergo further investigation later to determine background concentrations for metals, along with completion of a formal risk assessment prior to selection of a final remedy.

Before DTSC makes a final decision regarding the proposed cleanup plan, we will review and consider the comments received during the 30-day public comment period that ends Friday, February 25, 2005.

Proposed cleanup method

Excavation of soil to Residential Standards and off-site disposal would involve the following activities:

- Removal of the transformer and concrete pad at AOC J;
- Excavation and stockpiling of 400 cubic yards of impacted soil;



Example of a backhoe at work

- Confirmation sampling of the excavation areas to determine whether all of the impacted soil has been removed. If not, further digging will be done to remove remaining contamination;
- Sampling of the stockpiled soil to determine the appropriate disposal location;
- Transportation and off-site disposal of the stockpiled soil, transformer, and concrete pad to state-licensed disposal facilities;
- Importation of clean soil to restore the site elevation; and
- Planting of grass to reduce erosion.

This cleanup action is anticipated to result in approximately 26 truckloads of material being hauled off-site for disposal for the two day period, and 26 truckloads of clean soil being hauled in for site restoration.

Fencing

The Station is an active military installation, so areas where digging will occur will be secured against public access using existing fences.

Dust suppression

Control measures, including water spraying, will reduce dust during the cleanup activities. Airborne dust monitoring will determine whether efforts to reduce dust are working. Before leaving the site, truck tires will be cleaned and soil loads will be covered with tarps so that soil will not blow or spill out of the trucks while they are on the road.

Truck route

A variety of truck types will be used to deliver and remove supplies and materials from the site on an as needed basis. Trucks will travel between the hours of 7 a.m. and 7 p.m. Trucks exiting the site to dispose of soil will:

- Leave the Station going East on W. Winton Avenue towards Clawiter Road;
- Merge onto I-880 North towards Oakland;
- Merge onto Southbound I-238 towards I-580 Castro Valley/Stockton;
- I-238 South becomes I-580 East;
- Exit at North Greenville Road /Altamont Pass Road then proceed directly to Waste Management's Altamont Pass Facility.

California Environmental Quality Act - Notice of Exemption

DTSC has prepared a Notice of Exemption (NOE) for this project as required by the California Environmental Quality Act. The NOE document states [pursuant to Title 14, Cal. Code Regs., section 15061(b)(3)] that the project will have no possibility of significant negative impacts on the environment or human health because of the relatively small volume of soil being removed, the short duration of the cleanup, and the controlled manner in which the contaminated soil will be excavated, loaded onto trucks and taken away for disposal.

Next Steps

More sampling will be conducted after the cleanup to verify that the contaminated soil has been properly removed and that the sites have met the cleanup standards.

Anyone who submits comments regarding the cleanup activities will receive DTSC's Response to Comments document. This document will include all of the comments received during the 30-day public comment period. It will also provide DTSC's response to those comments. DTSC will place a copy of "The Response to Comments" in the information repository and make available to any one requesting a copy.

Information Repositories

The draft RAW and NOE can be reviewed at the following location:

Hayward Public Library
835 C Street
Hayward, California 94541
(510) 881-7954

Department of Toxic Substances Control

8800 Cal Center Drive
Sacramento, California 95826
Mr. Lance McMahan, DTSC Project Manager
Lmcmaha1@dtsc.ca.gov
(916) 255-3674

File Room:

Monday-Friday: 8:00 a.m. to 5:00 p.m.
By appointment only (916) 255-3758

For more information

Please contact any of the following individuals with any questions or concerns you may have.

For questions regarding the draft RAW, please contact Mr. Lance McMahan, DTSC Project Manager at (916) 255-3674 or Mr. Demian Wincele, ERM Consultant at (916) 924-9378.

For questions regarding the public participation process, contact Ms. Michelle Trotter, DTSC Public Participation Specialist at (916) 255-6441.

For media questions, please contact Ms. Angela Blanchette, DTSC Public Information Officer at (510) 540-3732.

Notice to the Hearing Impaired Individuals

TDD users can use the California Relay Service at 1-888-877-5378 and ask to speak with Ms. Michelle Trotter at (916) 255-6441.